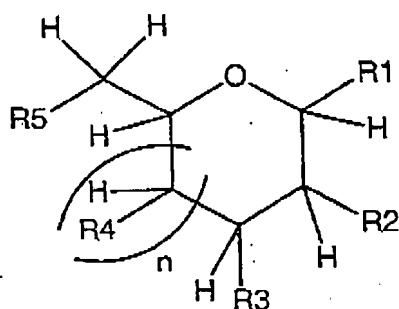


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A compound of formula I being ~~a derivative of a furanose or pyranose form of a monosaccharide,~~



formula I

Wherein, n is 0 or 1;

R1 is XR wherein,

X is selected from O; S; S=O and SO₂,

R is selected from the group consisting of: C1 to C9 alkyl, C4C2 to C15 alkenyl, C4C2 to C15 alkynyl, C1 to C15 heteroalkyl, C6 to C15 aryl, C6 to C15 heteroaryl, C6 to C15 arylalkyl or C6 to C15 heteroarylalkyl; which is optionally substituted, cyclic or acyclic, branched and/or linear,

the groups R2 to R5 are selected from OH, OR and N(Y)Z such that:

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OH,

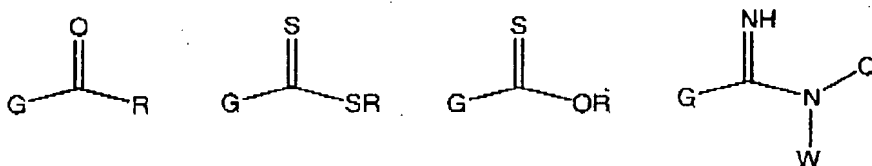
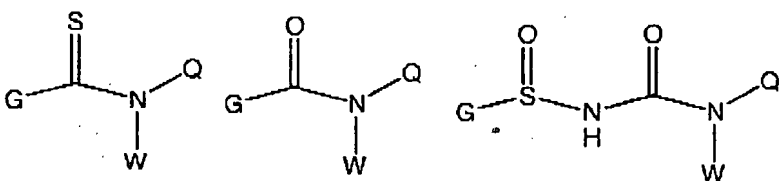
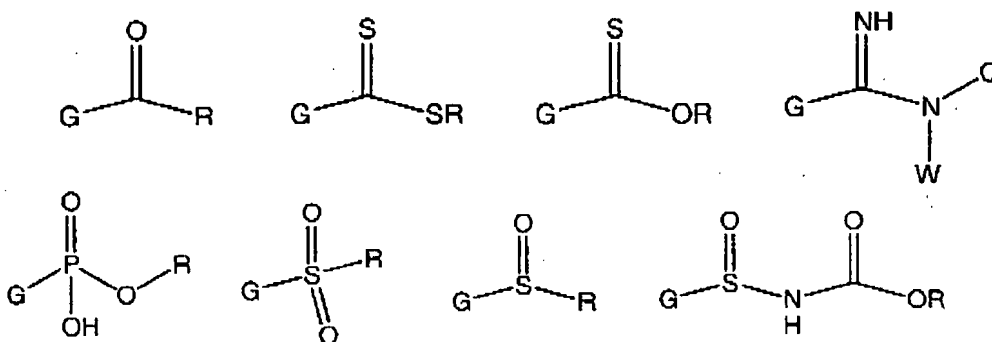
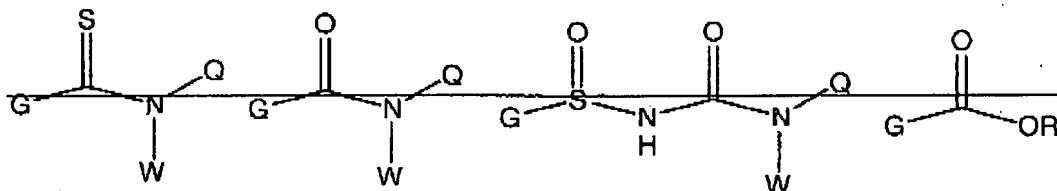
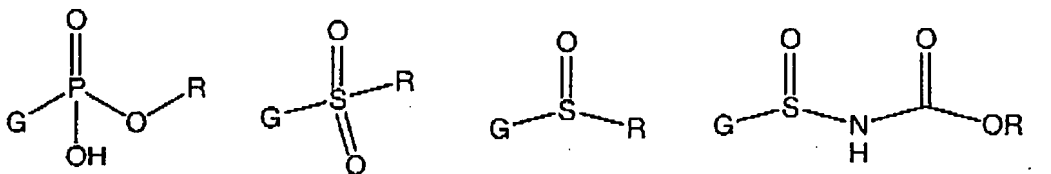
at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are OR, where R is defined above, with the proviso that when two of the

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groups R2 to R5 are OR, OR is an ether type moiety and the R groups may not both be methyl or unsubstituted benzyl,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are N(Y)Z, where Z is selected from hydrogen or R and Y is selected from the following, where G denotes the point of connection to the nitrogen atom in N(Y)Z, the N(Y)Z moieties may not be the same;

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and the groups Q and W are independently selected from hydrogen or R as is defined above, and Q and W may combine to form a cycle.

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the groups Z and Y may combine to form a cycle,

the groups R1 to R5 may not combine together to form a cycle,

with the proviso that where two groups in the compound of formula I are N(Y)Z, these groups are different,

with the further proviso that when either R2 or R5 is N(Y)Z, N(Y)Z may not be trifluoroacetamido, acetamido, ~~benzyloxycarbonylamino or t-butoxycarbonyl amino,~~

with the further proviso that when R2 is N(Y)Z, N(Y)Z may not be phthalimido, 4-[N-[1-(4,4-dimethyl-2,6-dioxocyclohexylidene)-3-methylbutyl]-amino}benzyl ester (ODmab), N-1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl (Dde), ~~2,2,2-Trichloroethoxycarbonyl (Troc), 9-Fluorenylmethoxycarbonyl (Fmoc),~~ or a 5-Acyl-1,3-dimethylbarbiturate type protecting group (DTPM),

with the further proviso that when the compound is of the 2-deoxy-2-aminoglucose configuration and R5 and R4 are both hydroxyl, R3 may not be a glycolate [-CH₂-CO₂H] or lactate ether [-CH(CH₃)-CO₂H] or an ester or amide derivative thereof; and with the proviso that the group R may not be or contain another saccharide moiety; and wherein the optional substituents are selected from the group consisting of OH, NO, NO₂, NH₂, N₃, halogen, CF₃, CHF₂, CH₂F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramidate, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoalkyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl, which may be further substituted.

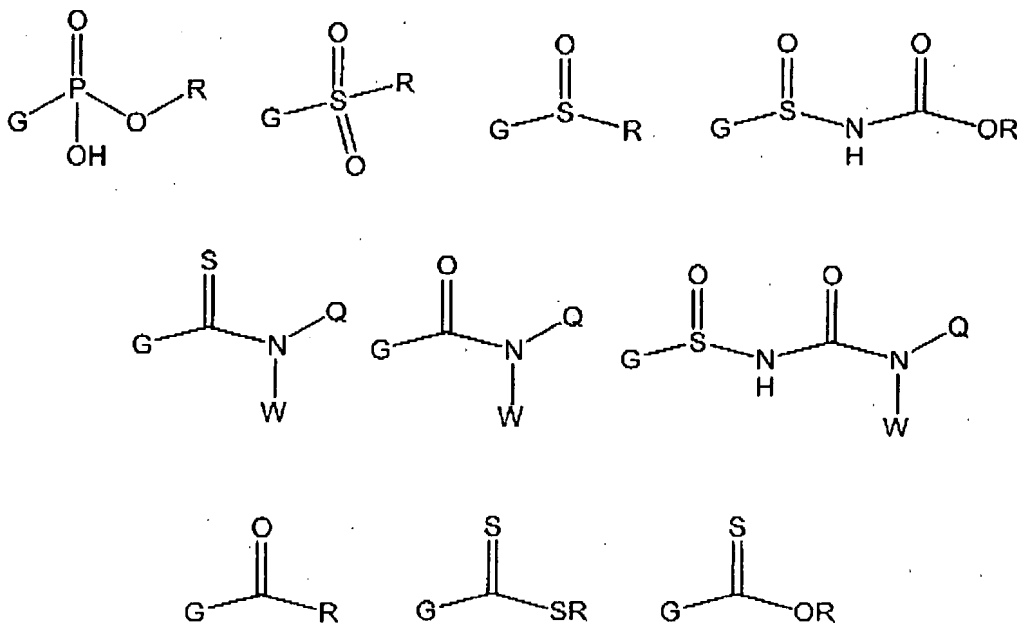
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2. (Original) The compound of claim 1 which is a derivative of a pyranose form of a monosaccharide and wherein n is 1.

3. (Original) The compound of claim 1 which is a derivative of a furanose form of a monosaccharide, and wherein n is 0.

4. (Currently Amended) The compound of claim 2, wherein
n is 1,

at least one of the groups R2 to R5 and not more than two of the groups R2 to R5 are N(Y)Z, where Z is selected from hydrogen or R and Y is selected from the following, where G denotes the point of connection to the nitrogen atom in N(Y)Z, the N(Y)Z moieties may not be the same;



and the groups Q and W are independently selected from hydrogen or R as is defined above, with the proviso that Y and Z may not

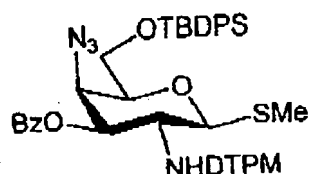
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both be hydrogen and where two groups in the compound of formula I are N(Y)Z, these groups are different, the groups Z and Y may combine to form a cycle, the groups R1 to R5 may not combine together to form a cycle, with the proviso that where two groups in the compound of formula I are N(Y)Z, these groups are different, with the further proviso that when either R2 or R5 is N(Y)Z, N(Y)Z may not be ~~azido, acetyl, benzyloxycarbonyl, trifluoroacetamido or t-butoxycarbonyl, acetamido,~~ with the further proviso that when R2 is N(Y)Z, N(Y)Z may not be phthalimido, 4-[N-[1-(4,4-dimethyl-2,6-dioxocyclo-hexylidene)-3-methylbutyl]-amino]benzyl ester (ODmab), N-1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl (Dde), ~~2,2,2-Trichloroethoxycarbonyl (Troc), 9-Fluorenylmethoxycarbonyl (Fmoc),~~ or a 5-Acyl-1,3-dimethylbarbiturate type protecting group (DTPM), with the further proviso that when the scaffold is of the 2-deoxy-2-aminoglucose configuration and R5 and R4 are both hydroxyl, R3 may not be a glycolate [-CH₂-CO₂H] or lactate ether [-CH(CH₃)-CO₂H] or an ester or amide derivative thereof.

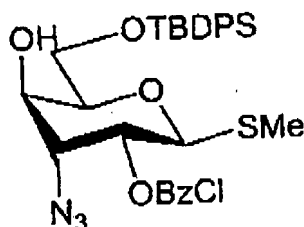
5. (Currently Amended) The compound of any one of claims claim 1-4 wherein the heteroarylalkyl is substituted by a moiety from the group consisting of OH, NO, NO₂, NH₂, N₃, halogen, CF₃, CHF₂, CH₂F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramidate, hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoalkyl, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl, which may be further substituted, with the proviso that the group R may not be or contain ~~another saccharide moiety,~~ a peptide, protein or amino acid.

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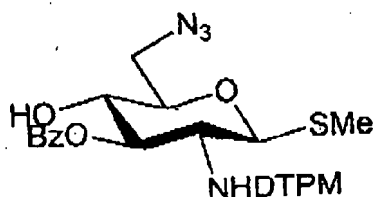
6. (Currently Amended) ~~The compound of claim 1 which comprises, as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:



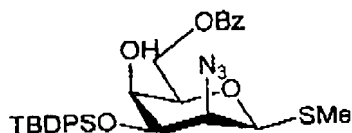
7. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:



8. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:

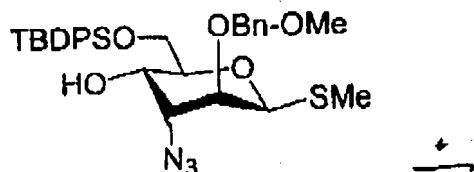


9. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:

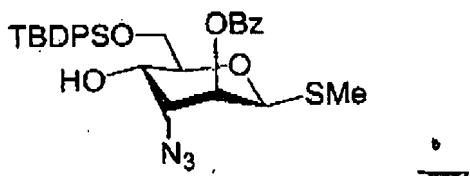


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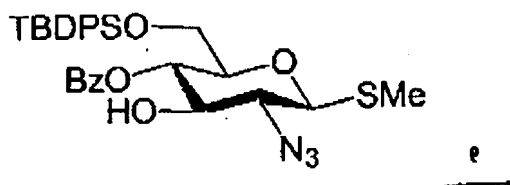
10. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~A method of preparing a compound according to claim 1, said method comprising reduction of:



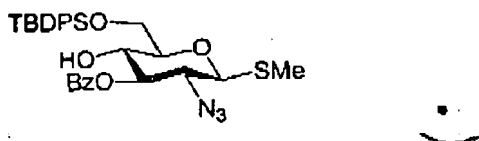
11. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~A method of preparing a compound according to claim 1, said method comprising reduction of:



12. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~A method of preparing a compound according to claim 1, said method comprising reduction of:

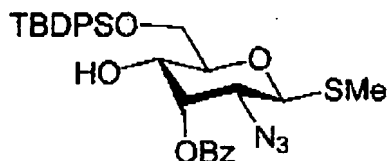


13. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~A method of preparing a compound according to claim 1, said method comprising reduction of:

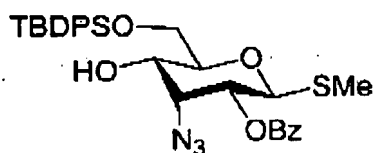


14. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~A method of preparing a compound according to claim 1, said method comprising reduction of:

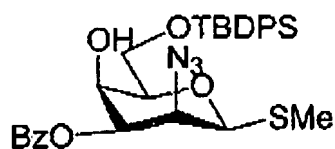
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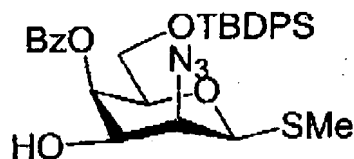
15. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~
A method of preparing a compound according to claim 1, said method comprising reduction of:



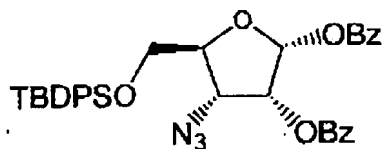
16. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~
A method of preparing a compound according to claim 1, said method comprising reduction of:



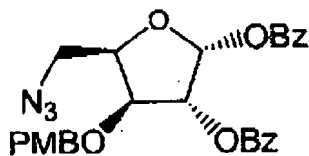
17. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~
A method of preparing a compound according to claim 1, said method comprising reduction of:



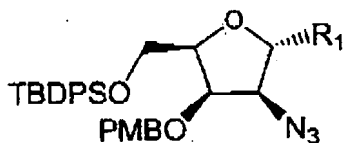
18. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~
A method of preparing a compound according to claim 1, said method comprising reduction of:



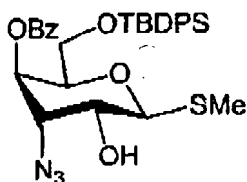
19. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:



20. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:



21. (Currently Amended) ~~The compound of claim 1, which comprises as a precursor~~ A method of preparing a compound according to claim 1, said method comprising reduction of:



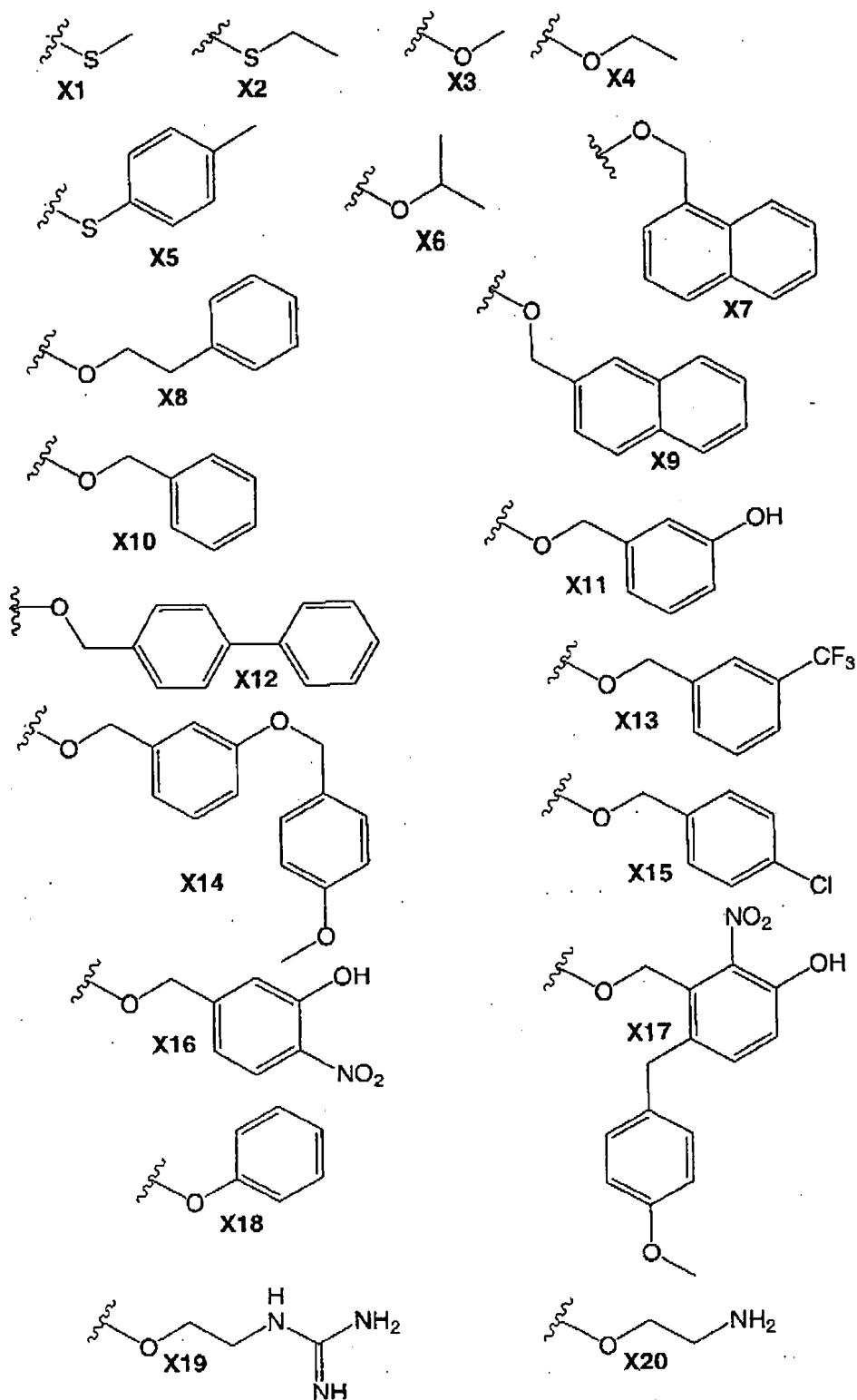
22. (Currently Amended) ~~The~~ A method of synthesizing a compound of claim 1 ~~which~~ wherein the compound is immobilised to a support.

23. (Currently Amended) The ~~compound~~method of claim 22, wherein the compound is immobilised to the support through a hydroxyl group.

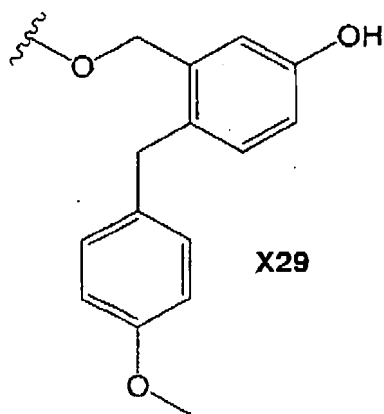
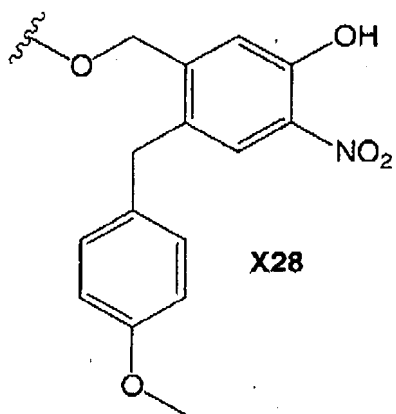
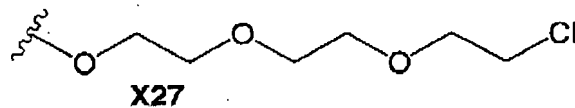
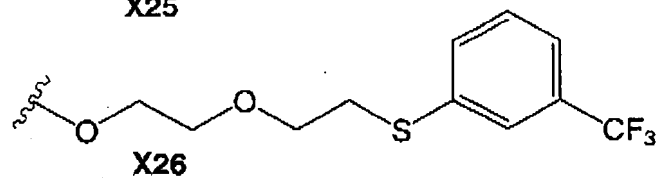
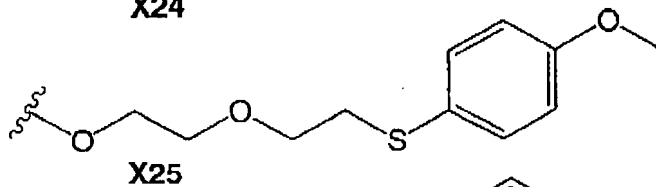
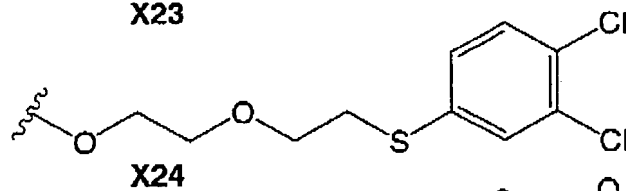
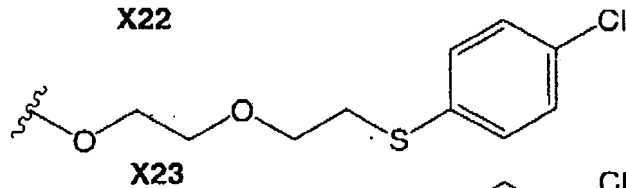
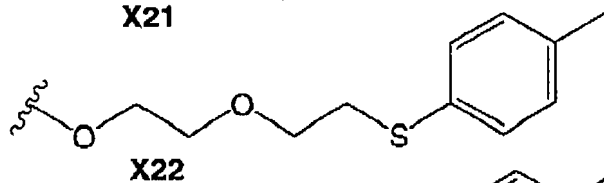
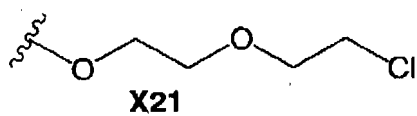
24 (Currently Amended) The ~~compound~~method of claim 23, wherein the support is selected from the group consisting of derivatised polystyrene, tentagel, wang resin, MBHA resin, aminomethylpolystyrene, rink amide resin , DOX-mpeg and polyethylene glycol.

25. (Currently Amended) The compound of claim 1, wherein R1 is selected from the group consisting of

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26. (Currently Amended) The compound of claim 1, wherein one of the R moieties in OR is selected from the group consisting of

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Methyl

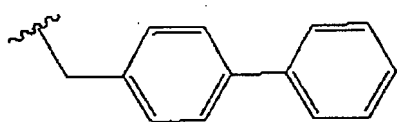
Ethyl

Y1

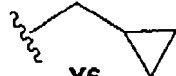
Y2

Y3

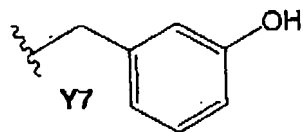
Y4



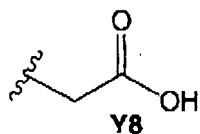
Y5



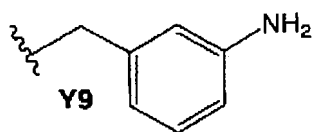
Y6



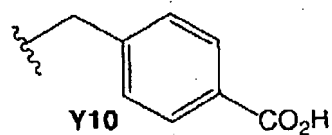
Y7



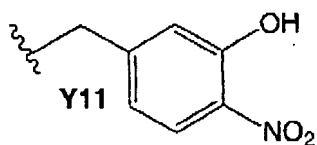
Y8



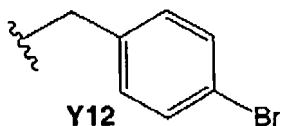
Y9



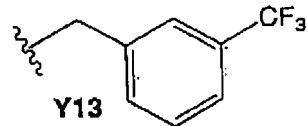
Y10



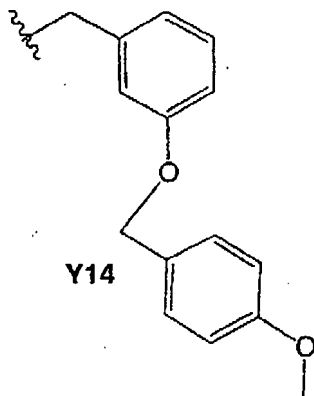
Y11



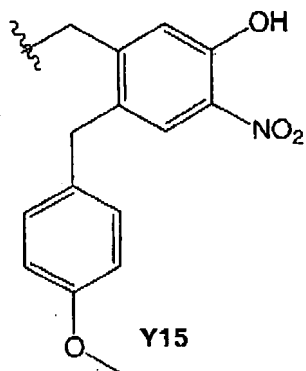
Y12



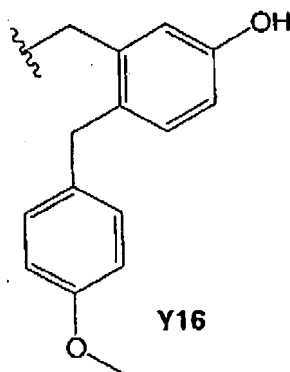
Y13



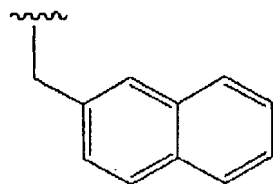
Y14



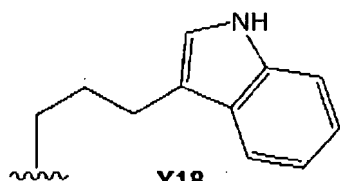
Y15



Y16



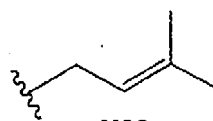
Y17



Y18



Y19



Y20

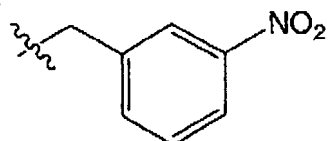
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Octyl

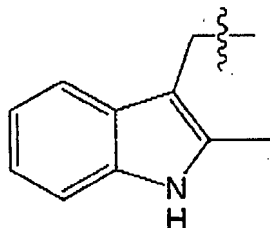
Y21



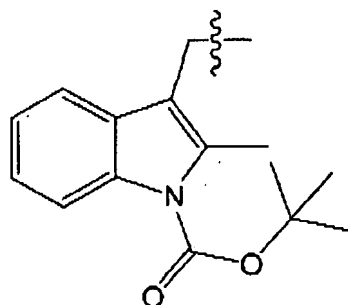
Y22



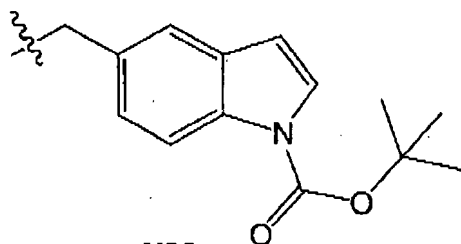
Y23



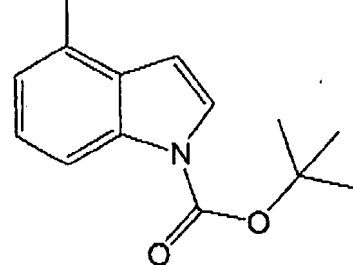
Y24



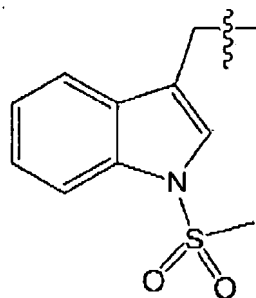
Y25



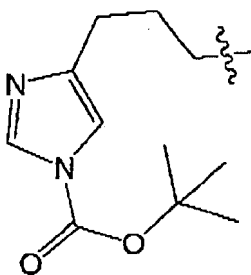
Y26



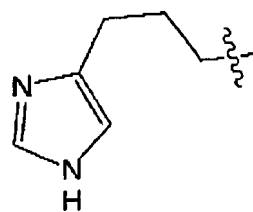
Y27



Y28



Y29



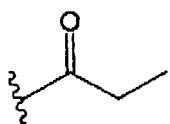
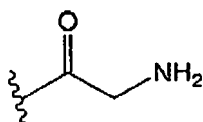
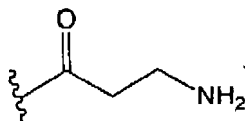
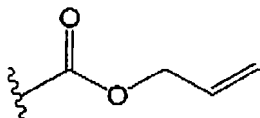
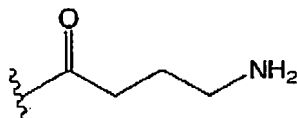
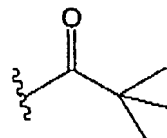
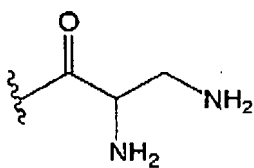
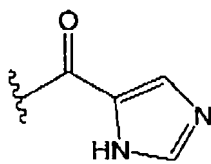
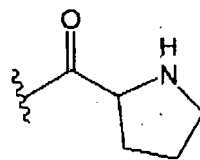
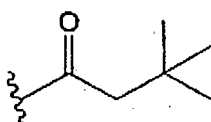
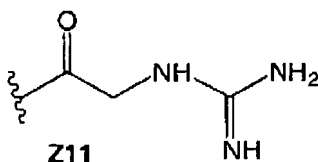
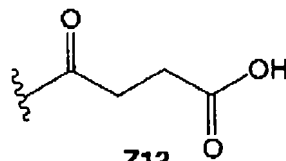
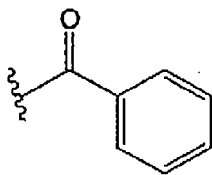
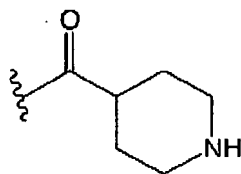
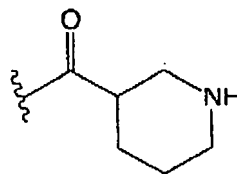
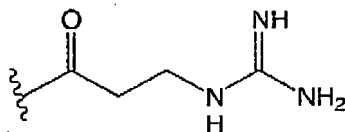
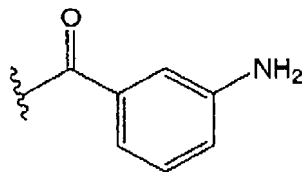
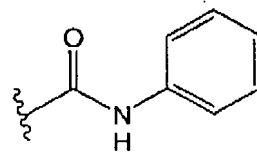
Y30

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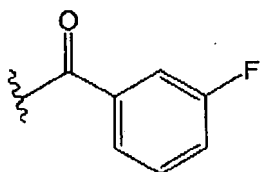
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27. (Currently Amended) The compound of claim 1, wherein ZY is selected from the group consisting of

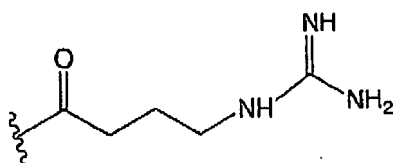
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**Z1****Z2****Z3****Z4****Z5****Z6****Z7****Z8****Z9****Z10****Z11****Z12****Z13****Z14****Z15****Z16****Z17****Z18**

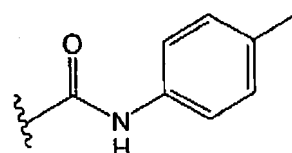
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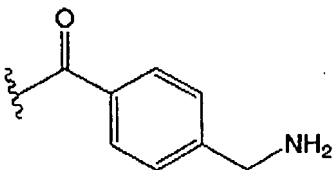
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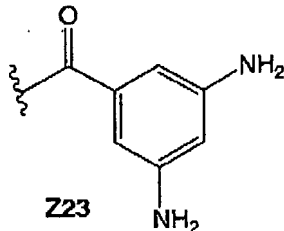
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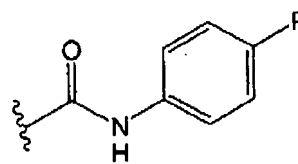
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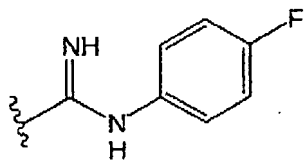
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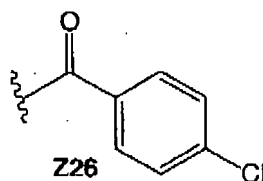
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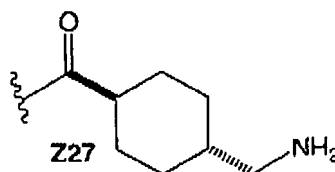
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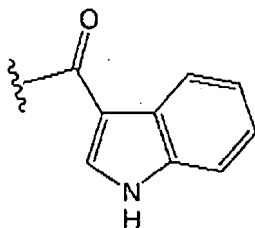
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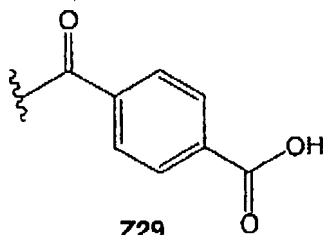
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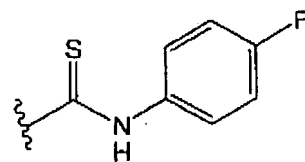
Z27



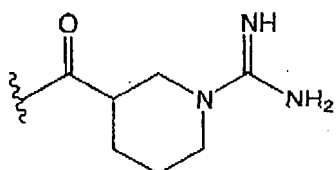
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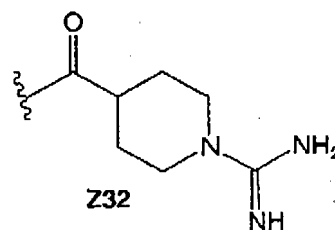
Z29



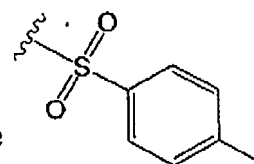
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Z31

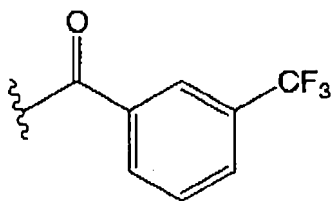
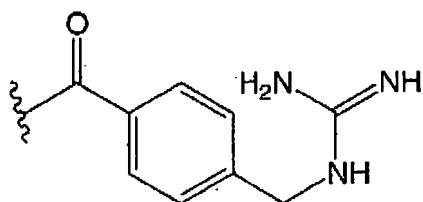
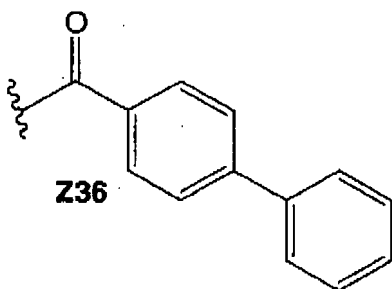
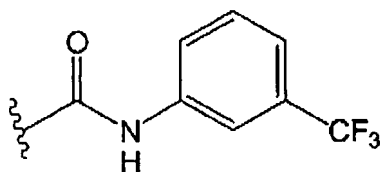
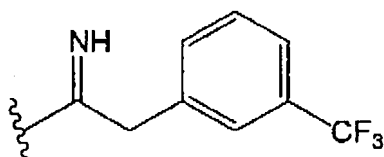
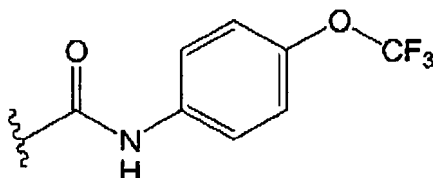
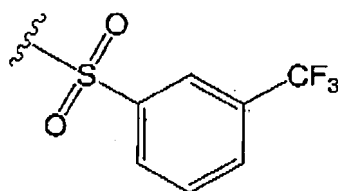
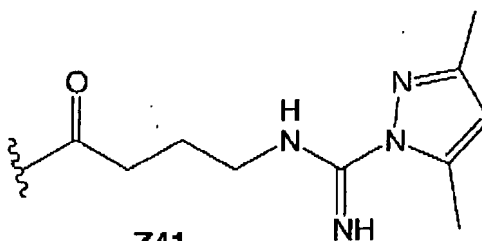
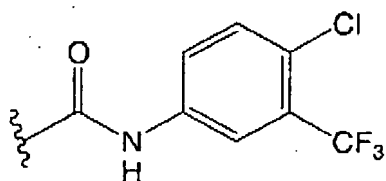


Z32

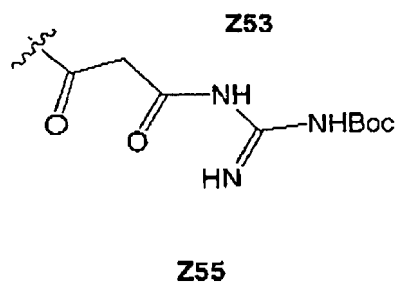
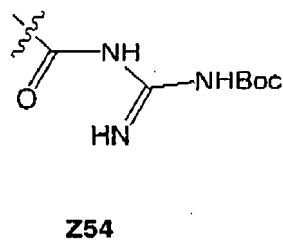
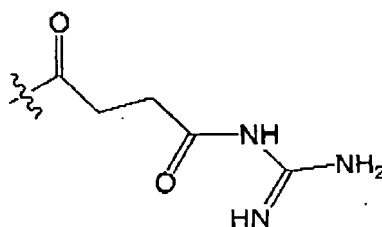
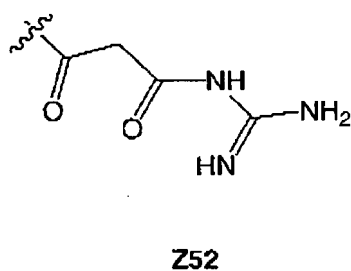
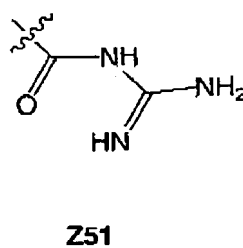
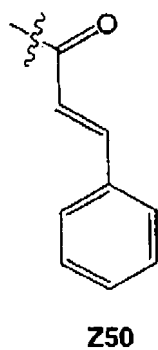
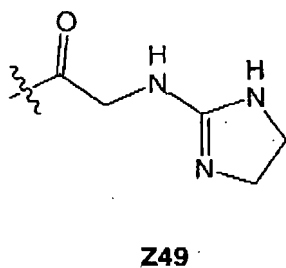
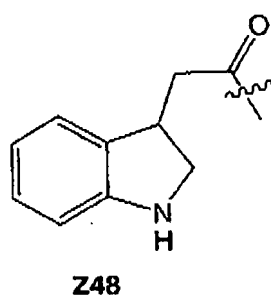
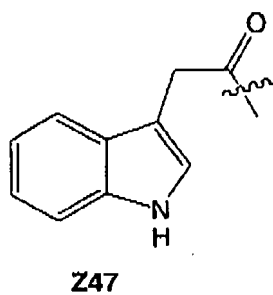
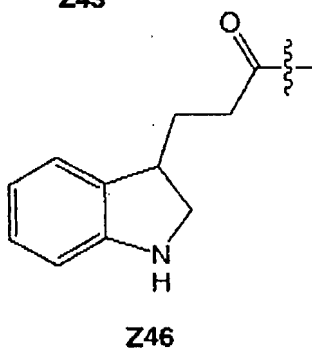
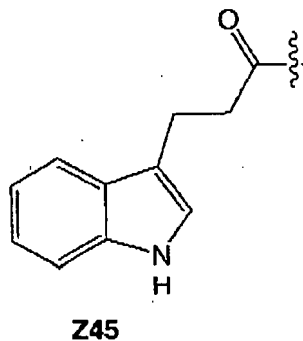
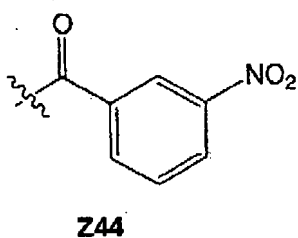
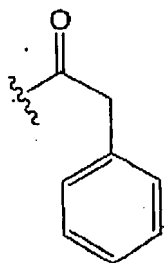


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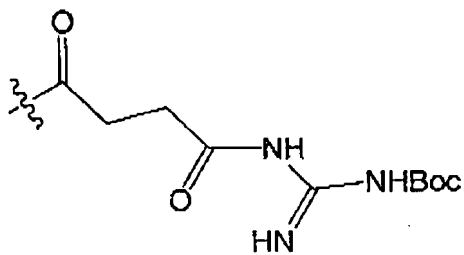
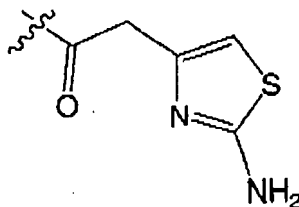
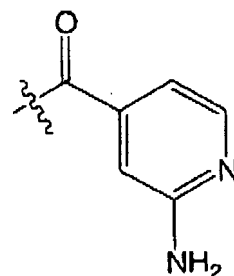
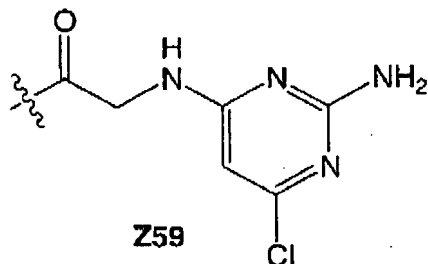
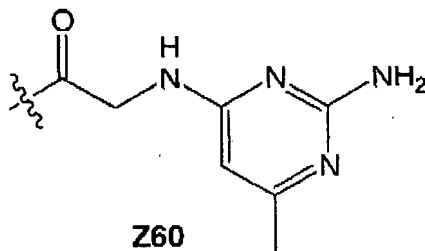
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**Z34****Z35****Z36****Z37****Z38****Z39****Z40****Z41****Z42**

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**Z56****Z57****Z58****Z59****Z60**